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Making Connections to the Server Board ... Quick Reference

Required Connections

- B. +12V CPU Power Connector
- D. Main Power Connector**
- G. Chassis Intrusion Header K. Front Panel Connetor

CPU/System Fan Connections

- C. CPU Fan Connector Rear Fan Connector
- H. Front Fan Connector N. VREG Fan Connector

Optional Connections

- Floppy Connector
- IDE Connector Serial ATA 0-3 Connectors
- Serial B Header
- SCSI LED Connector
- M. Front Panel USB 1 and 2 Note: All available server board

connections are not shown. Your configuration may vary.

** Depending on your power supply, the main power connector could have a 2 x10 or 2 x 12 pin connection. Either connector will work, but Pin 1 on the server board power connector must match up with Pin 1 on the power supply connector.



Note: Not all optional connections are shown in this diagram. Refer to the Reference section of this Quick Start User's Guide, your Intel® Entry Server Board SE7221BA1-E User Guide, and your server chassis documentation for additional connection information.

Software • Drivers, Firmware, and Operating System Installation

A. Confirm BIOS

Look on the Server/System Management screen in the BIOS Setup Utility to determine the installed BIOS. Compare these to the versions at: http://support.intel.com/support/motherboards/server/SE7221BA1-E/ If new versions are available, update the BIOS on your server. See the User Guide on the Intel[®] Server Deployment Toolkit CD for update instructions.

B. Configure your Server with the Server

Configuration Wizard Boot to the Server Board SE7221BA1-E Intel® Server Deployment Toolkit CD. Select the Server Configuration Wizard to configure your server for remote server management.

C. Configure your RAID Controller

Use the instructions provided with the RAID controller.

D. Install your Operating System Use the instructions provided with the RAID controller and with the operating system

E. Install Operating System Drivers With the operating system running, insert the Intel® Server Deployment Toolkit CD. If using a Microsoft* Windows* operating system, the Express Installer will autorun and allow you to select most drivers to install. On other operating systems, browse the CD folders to locate and install the driver files.

F. Install Intel[®] Server Management 8 (optional) With the operating system running, insert the Intel[®] Server Management 8 CD that came with your server board. On a Windows* operating system, the Setup program will auto-run. Follow the on-screen instructions. For installation details, see Getting Started with Intel[®] Server Manager 8, located on the ISM CD.

G. Install Intel[®] SMaRT Tool 5 (optional) With the operating system running, insert the Intel[®] Server Deployment Toolkit CD. The Express Installer will autorun. Click Intel® SMaRT Tool at the left side of the screen. Follow the on-screen instructions. For information about Intel® SMaRT Tool, see http://developer.intel.com/design/servers/smarttool/index.htm

see: http://support.intel.com/support/motherboards/server/SE7221BA1-E

• Check that +12V CPU power connector is plugged in. Without this cable

HT Technology in the LGA775 package) processor means you have

Your power supply must provide a minimum of 350W with 1.2A standby

Accessories and Order Codes	
Intel® Server Board SE7221BA1-E	SE7221BA1-E
Intel® Server Chassis SC5250 (Beige)	KPTBASE450
Intel® Server Chassis SC5250 (Black)	KPTBASE450BLK

A complete list of accessories and spares can be found at: www.intel.com/go/serverbuilder